

Paper No. R - 13 (26)

Board of Laucation.

Consultative Committee.

Sur ary of Cral Evidence given on behalf of the Perents' national Educational Union on 23rd June, 1927 by:hr. H.M.Rousehold, Director of Education for Gloucestershire.
Hon. hrs. Tranklin, Non. Secretary of the P.M.Y.U.

[N.B. This summary should be read in conjunction with the attached homoranday by ir. Household and lies E. Mitching]

General Pestures of F.M.M.V. Schene.

The witnesses said that the P.W.F.U. Schene cone affected apportunit wfor the child to educate itself. The child commenced strending school bubbling with questions but these under the ordinary educational system were suppressed. Children had no netitation in taking questions. There was to oral teaching under the system, but the teacher assisted the pupil when and idlere help was reeded. Marration took place after the first reading. As a result of merration it was possible to detect emissions, and the tercher would emplain these. No interruption was sade in incorrect merrition. It was nost undesirable to break the apell of concentration. The teacher would of course correct efterwards in the case of incorrect narrotion but in many instances it had been found that the pupils corrected themselves. In the cast of nerration by writing the teachers faced a heavy task. Letloulous shoursey was not Lowever insisted upon; all that was required was orthogone of general progression were not accompanies to device their our Programmes of Work. Teachers was said program es of very made the selection was in south on the gods.

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edvisable however in the case of teachers taking up

first time to nork through the P.M.D.U. methods for the prepared programmes into the principles of the system as the business the principles of the system as the idea that grand he chair I he broke was groups. Those who select the idea that grands he chair I he broke was groups. Those who select the idea that grands he chair I he broke was used every term in the first understood. A new programme was used every term in the first trade of the chair trade of the chai

Books to suit these programmes were named, but there was not impossible. co. orlination betwee his cate were constructed with a riew to affiliation i.e. e

particular event which would one year appear under History latestere or ? i ture thery . might would the next year be discerned in Geography, The witnesses stated that the pupils responded educationally to the Mov of recognition."

Teachers and P.N.E.U. System. In P.M.E.U. Schools it had been found that the best teacher obtained the best result, character, I the system, even a poor teacher but, owing to the could not prevent some progressive result. It was the function of the teacher to see that as much was extracted from a book as was possible, and not to overteach. Teachers, who first took the P.N.E.U. system with prejudice usually become enthusiastic supporters latter a short period, patientally of they make a study of Missis which is character.

Pocks and the P.N.M.U. System. Books were not specially written for the P.N.E.U. The witnesses stated that there wall a sufficient supply of books for their needs. "Readers" were excluded. It was said that all children enjoyed

History - been English and Foreign. The following histories Our Island Slong (Manhau) were mentioned as being setisfactory:- Arnold Forster.

Garddagr and the Stork of St. Paul's Cathedral and Westminster Abbey. The teaching of arithmetic and Mathematics and not usuraly take a literary form, but there was a book entitled "Number Stories of Jong Ago" by D. E. Smith that was

Costs. The witnesses stated that the P.N.M.U. System needed more books than the ordinary system, but the additional cost

about 1/6
did not work out at more than 2/2 per head per year. The
allowance in Glouceterentre was 6/2 per head throughout the
wheel for banks, stationery and teathers library.
The expanditure on Books & Stationary in 8 hacestershire
for the Dear 1926 ~ 27 was as tollows:

	Allendanie	Expende here	Cost per horal
P.N.E.U Scholo	22788	£5598	\$.0
Olley Schools	13278	\$ 2215	3,4

Paper No. R - 10 (26)(1).

MEMORANDUM ON THE SELECTION AND PROVISION OF BOOKS

FOR PUBLIC ELEMENTARY SCHOOLS BY MISS M. KITCHING,

HOUSE OF EDUCATION, AMBLESIDE.

(Mise Witching will give out evidence on tchalf of the D.N.P. H. on 25 June at 11.50 a.m.).

For what reasons should books be selected for schools?

The reasons must spring from certain principles, and the principles are the outcome of ideas which are considered as likely to further the cause of education. The principles which govern the trend of thought in education may be in the main psychological or they may be philosophical.

A book chosen on psychological principles has to show how it may be made a means of (a), giving the child necessary information, (b), testing his mental capacity, (c), exercising his powers of ingenuity, (d), preparing him for further tests in the way of examinations. It must, further, be of use in summarising the oral lessons which the trained teacher will give - a teacher trained in psychological methods.

A book chosen on philosophical principles - (a), brings a child at once in touch with knowledge, (b), gives him food for his mind to grow upon, (c), frees the teacher from oral teaching and enables him to get into touch with the child and his needs rather than to consider the lesson and its result, (d), prepares the child for life by putting him in touch with life and knowledge and in many directions from his earliest years. A teacher chosen for work on these lines needs a different training - one on philosophical lines.

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The objections brought against the use of this second type of book are:-

- (a) that the tendency is for the child's knowledge to become too general.
- (b) that a child ought to learn in order to know (according to Miss Mason's Method he should learn in order that his mind may grow).
- (c) that the teacher's cwn work cannot be estimated by an Inspector.
- (d) that the child gets no preparation for vocational work.

 These objections can be met:-
 - (a) by providing the child with his own books and seeing that he knows as a result of his own work on the books (by the test of narration and in other ways), also that he makes use of his knowledge in connection with questions of the day, and in out-door observation.
- by allowing that (b) growth in knowledge is a spiritual growth which is not evident at any given minute, but is only evident after a lapse of time.
- (c) that the teacher's work must be judged by the life and intelligence shown by the children not by her powers as a giver of oral lessons.
- (4) that preparation for vocational work is not necessary.

 A liberal education is due to everyone. The youth or
 girl with mind alive and full of interests is able to
 tackle vocational work with vigour and without previous
 preparation. (The Great War showed that this could be
 allowed.)

Following Miss Mason's philosophy, i.e., hor Method, in this important matter of the selection of books as in all other things, we find that the selection should be governed by philosophical rather than by psychological principles.

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experts, appear, but these seem for the most part to be influenced by psychological rather than by philosophical considerations; e.g., there are questions of correlation, the necessity for self-expression, for the latest information, for tral work, the object of meeting some special need for some special school - a small school in an industrial district, a country school in an agricultural district; a large town school, etc.. Where some attempt has been made to provide a list which may be useful in many kinds of schools, the selection seems to be made on the assumption that children are at least two years behind, in mental grip, what we find them to be in P.N.E.U. schools. This does not mean that we cater for clever children, but only that we believe in children being mentally fed from their earliest years.

In the P.N.E.U. schools children use the best books before they can read, and their actual work is not limited by what they can read. Our P.U.S. Examiners are inclined to think that children in the Public Elementary Schools are sacrificed cooksismally to the mechanical arts of reading and writing, and that therefore they do not get as such as children who learn to read and write at a later age: on the other hand we find the P.E. children more "hungry".

we have been told by Miss Mason that "knowledge is passed like a torch from mind to mind", but very few of the modern books published for schools deal with knowledge at all. They are compilations of information, accurate and up-to-date, but they wake no stir in the mind of the reader. As long as the teachers are trained to teach, publishers will find it profitable to issue such books. The teaching habit is almost ineradicable, and in a good many cases all that is required of the books is that it should furnish pictorial illustrations for the teacher's talk. A teacher in a country school in Wales

appropriate

explained that she was entirely dependent in her obcice of books on the commerceal travellers who cameround, and that she always chose a book with nice pictures; it had not occurred to her to consider the letterpress.

Again, Miss Mason tolls us that a child must

"grip where he alights" in any subject, and therefore he must
have something to grip, and with all the multiplicity of books
that are poured out from the press every day, large numbers
make no attempt to give any grip upon the subject in hand.
Only in this last week or two several books have appeared, that
are rather like cages of birds each hopping from perch to
perch, e.g. - Geography books in which chapters are taken from
books of travel, and strung together without cohesion. We have
been going through a phase of purely scientific Geography
during the last ten or fifteen years but teachers are coming to
see that the study of such statistical Geography bears very
little fruit. A hundred years ago our mothers and fathers
were very much better educated on real books of travel.

History books, full of delightful illustrations, lay stress on social or economic or political or tiographical history, a sense of cohesion being given articicially by a time chart, but with no evidence that the writer is doing more than taking a very one-sided view of the subject himself. History is the pivot on which all the work should turn, and children from 9 upwards should be doing Bitle history, English, European and Ancient history, not in ordinary text-books, but in the best-written books than can be found, suitable for their ages.

As regards Citizenship, we teach it indirectly in lives of great men (Plutarch's "Lives", for example), and directly as regards Imperial and Local Government.

Books on Physical Science are changing in their tendency rapidly, and much effort is being made now to relate the scientific principle underlying the experiment to its place

in history, and to the thinker who gave it utterance; but these books are scain rather of the nature of a popular magazine that of a real book. In some cases they are simply broadcast Talks published in book form, and they often leave much to be desired, even in the way of grammatical English. In the scientific books, children should have a solid foundation of scientific principles, and be put into touch with all that they can see in the world around them. For the younger children Science teaching should come under the heading of Nature Study in many branches, and as a matter of fact our children get a very good elementary knowledge of biology, astronomy, physical geography, botany and some elementary physics. Here again modern text-books are a difficulty because they deal with facts clothed in the very scantiest of language, and we find that books written 30 or 40 years ago have a greater power of stirring the imagination in many of these subjects; we are using now one or two books on recent developments in science which are really well written, and one or two of the old ones have been brought up to date by able modern writers.

Perhaps if we had a good definition of what a book really is, we should have some definite standard to go by, and we should be able to draw up a White List and relegate to a Black List the thousands of books which will not live because they are purely synthetic. A book that is a real book is inevitable. The author had to write it, just as an artist has to paint a picture or a poet to make a poem, simply because it bursts forth from a rich and fertile mind like a beautiful growth, and though such books are considered as classics, the same idea should be applied as a test to the books provided for school education. A large number of these must be English classics, and in this connection it is to be regretted that the number of plain texts is so small. The majority of the editions contain text and notes in the proportion of about one-third text to two-thirds notes, queetionnairs, etc..

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A real book on any subject touches life at many points. "Correlation" with other subjects is natural. - or. just as we say in daily life. "What a strange coincidence!". The vitalising touch of a true relationship in such a book comes as a discovery to the reader, and is not kept as a surprise by the writer or the teacher in the form of a prearranged correlation. The relations between geography and history, history and citizenship, art and citizenship, for example, will be discovered by one person here and another there in the reading of real books upon each of these subjects, Wiss Mason avoided books that were written for mainly utilitarian purposes. A book should record the discovery of knowledge by the mind of the writer, not just afford information towards a definite end, or be made the means of collecting information (like the edited Plays of Shakespeare); it is this which makes copious notes as signposts necessary.

All this is only preliminary to the whole question of the provision of books, which must be liberal and varied. The more wisely fed a child's body, the better is he fitted for life, and the same applies to the mind.

In conclusion, continuity is secured by working steadily through considerable books which last two, three or sometimes four years, and the child is safeguarded against the disadvantages connected with (1) change of teacher, (2) "gaps" in his work because the P.U.S. books are set on continuous programmes of work which are a complete whole as regards each Form, and also as regards the whole course of a child's education from six to eighteen. But even were all the Schools provided with good books, "a liberal education" is still far to seek unloss the teacher, guided by Philosophy, makes way for knowledge and the child to meet.

Paper No. R - 10(26)(11).

MEMORANDUM ON THE SELECTION AND PROVISION OF BOOKS FOR PUBLIC ELEMENTARY SCHOOLS BY MR. H.W. HOUSEHOLL, DIRECTOR OF EDUCATION FOR GLOUCESTERSHIRE.

(Er. Household will give out evidence on behalf of the P.N.E.U.

What is to be their purpose? Is it to tickle interest to provide reading material for the purpose of achieving mechanical proficiency in reading and a liking for books, or is it to impart knowledge?

The P.N.E.U. following Charlotte Mason set their faces against the use of text-books which for many years have done incalculable harm in every type of School, killing the natural desire to learn with which all children start in life. The text-book sets out with a determination to impose a particular sort of prepared mental food on the child. It is written for the child by somebody who has a purpose quite different from the purpose of those who write books. It is to meet the demands of some examination syllabus; to present in a predigested shape gobbets of information with which the teacherwriter thinks minds must be crammed; to dress up knowledge in a shape which conforms with his conception - a "holly derogatory conception - of the child mind and its tastes and powers; to make easy the advance of classes at a class pace along paths surveyed and levelled, wired and sign posted, till all free wandering and adventure are prohibited, and there is no possibility of selection or rejection, no possibility of real joy in reading and getting knowledge.

If books are to do their work, they must be books, written as books in literary English by people who have written for love of a subject, and not in text-book English by teacher book-makers with a class of school children and all sorts of

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ulterior purposes in view, which have no concern with the writing of books as books. And they must not have been abbreviated, arranged or bowdlerised, by anybody, no matter how distinguished, who lacks faith in the ability of the child to deal with them.

But if one is to advise on the selection and provision of books for P.E. Schools one must begin by settling what the P.E. School child is to learn, in what fields of knowledge he is to be allowed to browse; in other words are you prepared to admit that he can and should learn just what any other children learn, (that the elementary school child is not a separate type) and are you prepared to provide him with the necessary books? If you are, then he is going to be admitted to a syllabus vastly richer than has ever been provided for any elementary schools except those which have adopted the programmes of the P.N.E.U. for we shall no longer be providing him with mere reading material, but putting before him the complete apparatus required for a liberal education. And each book read, and each part of a book, will have its place, considered and determined in relation to the other books and parts of books as they appear term by term in a cycle of some four or five years. They will not be read haphazard.

And if the book is to do its work, and the child to have its chance, there must be a minimum of interference with him and with the book - as little explaining and questioning as may be. The endless talking and questioning of today are the outcome of a method elaborated in order to make possible the conduct of large classes with a minimum of tooks. Such methods are entirely out of place where there are good books in plenty. And out of place too are the questioning and explaining (orally and in notes) founded on the

assumption that the child must see in the book all that the edult sees, and must be examined rather on notes (printed or oral) about the book than on the book itself. It is assumed that no work can be done without the teacher. No work can be done without the books; but we shall find that a great deal of work can be done without the teacher; indeed that no real work can be done until the wise teacher has learnt to stand aside, and let each child get what he can with such small help as he will ask for or obviously need. If he has not got all that he might have got if he had been a paragon. he has got it for himself by his own effort, and he has many years before him in which to learn to deal with books and dig out knowledge. A teacher who talks and explains and questions himself does a great deal of work - so much that he leaves very little for the child to do, very little effort for him to make except that of memorising. Answering is easy when the teacher has undertaken all the intellectual effort required for presenting information, and arranging questions, in logical sequence.

If these positions are accepted then we can offer our programmes term by term as themselves carefully coordinated lists of books prepared and arranged with the
purpose of introducing the child to knowledge in the various
subjects which he must study if he is to have a liberal
education, and from which he will get what he can take - each
child his own quantum.

Of course the expense of providing all these books for every child would be considered prohibitive by any local authority today. That difficulty has been overcome by breaking up classes into three or four groups and providing enough copies of any one book for a third or a fourth only of the total numbers. In Gloucestershire it has been found that the programmes can be followed emitting only the foreign

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languages for an average cost year by year of 6/2d. per child. In that figure are included the heavy initial cost of the first introduction of the programmes in a considerable number of Schools, (the first year may cost 12/6d, per child) and the cost of renewals and binding.

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And if the books is to do its work, and the child to have its chance, there must be a minimum of interference with his and with the book - as little explaining and questioning as may be. The endless talking and questioning of te-day are the outcome of a method elaborated in order to make possible the conduct of large classes with a minimum of books. Such methods are entirely out of place where there are good books in plenty. And out of place too are the questioning and explaining (orally and in notes) founded on the assumption that the child must see in the book all that the adult sees, and must be examined rather on notes (printed or oral) about the book than on the book itself. It is assumed that no work can be done without the teacher. No work can be done without the books; but we shall find that a great deal of work can be done without the teacher; indeed that no real work can be some until the wise teacher has learnt to stand aside, and let each child get what he can with such small help as he will ask for or obviously meso. If he has not got all that be might

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If these positions are accepted then we can offer our programmes term by term as themselves carefully co-ordinated lists of books prepared and arranged with the purpose of introducing the child to knowledge in the various subjects which he must study if he is to have a liberal education, and from which he will get what he can take - each child has his own quantum.

Of course the expense of providing all these books for every child would be considered probibitive by any local authority to-day. That difficulty has been overcome by breaking up classes into three or four groups and providing enough copies of any one book for a third or a fourth only of the total numbers. In Gloucestershire it has been found that the programmes can be followed omitting

only the foreign languages for an average cost year by year of 6/2 whild. In that figure are included the heavy initial cost of the first introduction of the programmes in a considerable number of schools, (the first year may cost 12/6 per child) and the cost of renewals and binding.

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(Mies Kitching will give out evidence on behalf of the P.N.E.U. on 23 June at 11.30 a.m.).

For what reasons should books be selected for schools? The reasons must spring from certain principles, and the principles are the outcome of ideas which are considered as likely to further the cause of education. The principles which govern the trend of thought in education may be in the main psychological or they may be philosophical.

A book chosen on psychological principles has to show how it may be made a means of (a), giving the child necessary information, (b), testing his mental capacity, (c), exercising his powers of ingenuity, (d), preparing him for further tests in the way of examinations. It must, further, be of use in summarising the oral lessons which the trained teacher will give - a teacher trained in psychological methods.

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(d), prepares the child for life by putting him in touch with life and knowledge and in many directions from his carliest years. A teacher chosen for work on these lines needs a different training - one on philosophical lines.

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The Objections brought against the use of this second type of book are:-

- (a) that the tendency is for the child's knowledge to become too general.
- (b) that a child <u>ought</u> to learn in order to know (according to Miss Mason's Method he should learn in order that his mind may grow).
- (c) that the teacher's own work cannot be estimated by an Inspector.
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 These objections can be met:-
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 A liberal education is due to everyone. The youth or girl with mind alive and full of interests is able to tackle vocational work with vigour and without previous preparation. (The Great War showed that this could be allowed.)

Following Miss Mason's philosophy, i.e., hor Method, in this important matter of the selection of books as in all other things, we find that the selection should be governed by philosophical rather than by psychological principles.

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Erom time to time lists of books, drawn up by experts, appear, but these seem for the most part to be influenced by psychological rather than by philosophical considerations; e.g., there are questions of correlation, the necessity for self-expression, for the latest information, for ural work, the object of meeting some special need for some special school - a small school in an industrial district, a country school in an agricultural district, a large town school, etc.. Where some attempt has been made to provide a list which may be useful in many kinds of schools, the selection seems to be made on the assumption that children are at least two years behind, in mental grip, what we find them to be in P.N.E.U. schools. This does not mean that we cater for olever children, but only that we believe in children being mentally fed from their earliest years.

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Only in this last week or two several books have appeared, that
are rather like cages of birds each hopping from perch to
perch, e.g. - Geography books in which chapters are taken from
books of travel, and strung together without cohesion. We have
been going through a phase of purely scientific Geography
during the last ten or fifteen years but teachers are coming to
see that the study of such statistical Geography bears very
little fruit. A hundred years ago our mothers and fathers
were very much better educated on real books of travel.

History books, full of delightful illustrations, lay stress on social or economic or political or biographical history, a sense of cohesion being given articicially by a time chart, but with no evidence that the writer is doing more than taking a very one-sided view of the subject himself. History is the pivot on which all the work should turn, and children from 9 upwards should be doing Bible history, English, European and Ancient history, not in ordinary text-books, but in the best-written books than can be found, suitable for their ages.

As regards Citizenship, we teach it indirectly in lives of great men (Plutarch's "Lives", for example), and directly as regards Imperial and Local Government.

Books on Physical Science are changing in their tendency rapidly, and much effort is being made now to relate the scientific principle underlying the experiment to its place

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in history, and to the thinker who gave it utterance; but these books are main rather of the nature of a popular magazing that of a real book. In some cases they are simply broadcast Talks published in book form, and they often leave much to be desired, even in the way of grammatical English. In the scientific books, children should have a solid foundation of scientific principles, and be put into touch with all that they can see in the world around them. For the younger children Science teaching should come under the heading of Nature Study in many branches, and as a matter of fact our children get a very good elementary knowledge of biology, astronomy, physical geography, botany and some elementary physics. Here again modern text-books are a difficulty because they deal with facts clothed in the very scantiest of language, and we find that books written 30 or 40 years ago have a greater power of stirring the imagination in many of these subjects; we are using now one or two books on recent developments in science which are really well written, and one or two of the old ones have been brought up to date by able modern writers.

Perhaps if we had a good definition of what a book really is, we should have some definite standard to go by, and we should be able to draw up a White List and relegate to a Black List the thousands of books which will not live because they are purely synthetic. A book that is a real book is inevitable. The author had to write it, just as an artist has to paint a picture or a poet to make a poem, simply because it bursts forth from a rich and fertile mind like a beautiful growth, and though such books are considered as classics, the same idea should be applied as a test to the books provided for school education. A large number of these must be English classics, and in this connection it is to be regretted that the number of plain texts is so small. The majority of the editions contain text and notes in the proportion of about one-third text to two-thirds notes, questionnairs, etc..

Apipoarth.

A real book on any subject touches life at many neints. "Correlation" with other subjects is natural, - or just as we say in daily life, "What a strange coincidence!" The vitalising touch of a true relationship in such a book comes as a discovery to the reader, and is not kept as a surprise by the writer or the teacher in the form of a prearranged correlation. The relations between geography and history, history and citizenship, art and citizenship, for example, will be discovered by one person here and another there in the reading of real books upon each of these subjects. Miss Mason avoided books that were written for mainly utilitarian purposes. A book should record the discovery of knowledge by the mind of the writer, not just afford information towards a definite end, or be made the means of collecting information (like the edited Plays of Shakespeare); it is this which makes copious notes as signposts necessary.

All this is only preliminary to the whole question of the provision of books, which must be liberal and varied. The more wisely fed a child's body, the better is he fitted for life, and the same applies to the mind.

In conclusion, continuity is secured by working steadily through considerable books which last two, three or sometimes four years, and the child is safeguarded against the disadvantages connected with (1) change of teacher, (2) "gaps" in his work because the P.U.S. books are set on continuous programmes of work which are a complete whole as regards each form, and also as regards the whole course of a child's education from six to eighteen. But even were all the schools provided with good books, "a liberal education" is still far to seek unless the teacher, guided by Philosophy, makes way for knowledge and the child to meet.

Paper No. R - 10(26)(11).

MEMORANDUM ON THE SELECTION AND PROVISION OF BOOKS FOR PUBLIC BLEMINTARY SCHOOLS BY MR. H.W. HOUSEHOLL, DIRECTOR OF EDUCATION FOR GLOUCESTERSHIRE.

(Mr. Household will give out evidence on behalf of the P.N.E.U. on Thursday, 23 June at 11.30 a.m.).

what is to be their purpose? Is it to tickle interest to provide reading material for the purpose of achieving mechanical proficiency in reading and a liking for books, or is it to impart knowledge?

The P.N.E.U. following Charlotte Mason set their faces against the use of text-books which for many years have done incalculable harm in every type of School, killing the natural desire to learn with which all children start in life. The text-book sets out with a determination to impose a particular sort of prepared mental food on the child. It is written for the child by somebody who has a purpose quite different from the purpose of those who write books. It is to meet the demands of some examination syllabus; to present in a predigested shape gobbets of information with which the teacherwriter thinks minds must be crammed; to dress up knowledge in a shape which conforms with his conception - a wholly derogatory conception - of the child mind and its tastes and powers; to make easy the advance of classes at a class pace along paths surveyed and levelled, wired and sign posted, till all free wandering and adventure are prohibited, and there is no possibility of selection or rejection, no possibility of real joy in reading and getting knowledge.

If books are to do their work, they must be books, written as books in literary English by people who have written for love of a subject, and not in text-book English by teacher book-makers with a class of school children and all sorts of

ulterior purposes in view, which have no concern with the writing of books as books. And they must not have been abbreviated, arranged or bowdlerised, by anybody, no matter how distinguished, who lacks faith in the ability of the child to deal with them.

But if one is to advise on the selection and provision of books for P.E. Schools one must begin by settling what the P.E. School child is to learn, in what fields of knowledge he is to be allowed to browse; in other words are you prepared to admit that he can and should learn just what any other children learn. (that the elementary school child is not a separate type) and are you prepared to provide him with the necessary books? If you are, then he is going to be admitted to a syllabus vastly richer than has ever been provided for any elementary schools except those which have adopted the programmes of the P.N.Z.U. for we shall no longer be providing him with mere reading material, but putting before him the complete apparatus required for a liberal education. And each book read, and each part of a book, will have its place, considered and determined in relation to the other books and parts of books as they appear term by term in a cycle of some four or five years. They will not be read haphazard.

And if the book is to do its work, and the child to have its chance, there must be a minimum of interference with him and with the book - as little explaining and questioning as may be. The endless talking and questioning of today are the outcome of a method elaborated in order to make possible the conduct of large classes with a minimum of books. Such methods are entirely out of place where there are good books in plenty. And out of place too are the questioning and explaining (orally and in notes) founded on the

assumption that the child must see in the book all that the adult sees, and must be examined rather on notes (printed or oral) about the book than on the book itself. It is assumed that no work can be done without the teacher. No work can be done without the books; but we shall find that a great deal of work can be done without the teacher; indeed that no real work can be done until the wise teacher has learnt to stand aside, and let each child get what he can with such small help as he will ask for or obviously need. If he has not got all that he might have got if he had been a paragon, he has got it for himself by his own effort, and he has many years before him in which to learn to deal with books and dig out knowledge. A teacher who talks and explains and questions himself does a great deal of work - so much that he leaves very little for the child to do, very little effort for him to make except that of memorising. Answering is easy when the teacher has undertaken all the intellectual effort required for presenting information, and arranging questions, in logical sequence.

If these positions are accepted then we can offer our programmes term by term as themselves carefully cocrdinated lists of books prepared and arranged with the purpose of introducing the child to knowledge in the various subjects which he must study if he is to have a liberal education, and from which he will get what he can take - each child his own quantum.

Of course the expense of providing all these books for every child would be considered prohibitive by any local authority today. That difficulty has been overcome by breaking up classes into three or four groups and providing enough copies of any one book for a third or a fourth only of the total numbers. In Gloucostershire it has been found that the programmes can be followed omitting only the foreign

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languages for an average cost year by year of 6/2d. per child. In that figure are included the heavy initial cost of the first introduction of the programmes in a considerable number of Schools, (the first year may cost 12/6d. per child) and the cost of renewals and binding.